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L1	1	("5848271").PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2007/07/19 17:05
L2	5030	(work adj flow)	US-PGPUB; USPAT	OR	ON	2007/07/19 17:05
L3	2561160	document file text	US-PGPUB; USPAT	OR	ON	2007/07/19 17:05
L4	3404994	detect process query	US-PGPUB; USPAT	OR	ON	2007/07/19 17:05
L5	683	2 with 3	US-PGPUB; USPAT	OR	ON	2007/07/19 17:05
L6	395	petri adj net	US-PGPUB; USPAT	OR	ON	2007/07/19 17:06
L7	0	6 and 5	US-PGPUB; USPAT	OR	ON	2007/07/19 17:06
L8	270	6 and 3	US-PGPUB; USPAT	OR	ON	2007/07/19 17:06
L9	23	6.ab.	US-PGPUB; USPAT	OR	ON	2007/07/19 17:06


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[Modelling biological processes using workflow and Petri Net models](#) - all 11 versions »

M Peleg, I Yeh, RB Altman - Bioinformatics, 2002 - bioinformatics.oupjournals.org

... present in an extension of **Petri Nets** discussed in ... Figure 1 shows the **workflow** model of the ... in the invasion process involves '**attachment**, reorientation, and ...[Cited by 68](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)
[Comparing Petri net and activity diagram variants for workflow modelling—a quest for reactive Petri ...](#) - all 6 versions »
R Eshuis, R Wieringa - **Petri Net** Technologies for Communication Based Systems, ..., 2002 - Springer... This is unsatisfactory for analysis purposes, since analysing a **Petri net workflow** model presupposes that the **Petri net** models the real **workflow** accurately. ...[Cited by 37](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)
[A Petri net based safety analysis of workflow authorization models^A 1](#) - all 4 versions »

V Atluri - Journal of Computer Security, 2000 - IOS Press

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models 1 Vijayalakshmi Atluri a,* and Wei-Kuang Huang b ...

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... engine reads this parsed structure and creates a **Petri-net** representation. ... Thus, the **workflow** engine will send an email to john@xyz.com and **attach** doc1 and ...[Cited by 106](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)
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... markings are instantaneous is an interpretation we **attach** to them. ... a reactive net, by first transforming the reactive net into a **Petri net** using function ...[Cited by 13](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)
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G Dinkhoff, V Gruhn, A Saalman, M Zielonka - Proceedings of the 13th International Conference on the ..., 1994 - lib.nau.edu.ua

... **Workflow** Management Environment Ceu ... the organization structure we have to **attach**process participants ... and G. Rozenberg, editors, **Petri Nets: Central Models** ...[Cited by 37](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [BL Direct](#)
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C Maier, D Moldt - Workshop PNSE - Springer

... OCP-Nets are an object oriented **Petri net** formalism, based on Coloured **Petri Nets**(CPN) [9] enhanced by the fusion place concept of Hierarchical Coloured **Petri** ...[Cited by 40](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)
[UML activity diagrams as a workflow specification language](#) - all 14 versions »

M Dumas, AHM ter Hofstede - Proc. of the 4th Int. Conference on the Unified Modeling ... - Springer

... Unlike **Petri nets** whose places can hold several tokens, states ... A point in a **workflow** where an activity A ... A within a subactivity state, and **attach** an unbounded ...[Cited by 100](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)
[... -Controlled Place Refinement in Hierarchical Petri Nets with Application to Active Document Workflow](#) - all 6 versions »

DG Stork, R van Glabbeek - ICATPN, 2002 - Springer

... by other networks [24,11,7]. In stan- dard **Petri nets** with refinement of ... need not replace an existing section of a net, but instead **attach** a refinement net ...[Cited by 6](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)
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O Kummer, F Wienberg, M Duvigneau, J Schumacher, M ... - Applications and Theory of Petri Nets, 2004 - Springer

... its use in the areas of **workflow** and agent ... running, the user interface will **attach** itself to ... of for- malisms (compilers), common **Petri net** abstractions (like ...[Cited by 15](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

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D Liu, J Wang, SCF Chan, J Sun, L Zhang - Computers in Industry, 2002 - portal.acm.org

... **net (workflow-net based on colored Petri net)** is an extension of the **workflow-net**(WF-net) which can ... An **expanding** suite of tools, which currently includes, can ...[Cited by 17](#) - [Related Articles](#) - [Web Search](#)[Task net: Transactional workflow model based on colored Petri net](#)

I Choi, C Park, C Lee - European Journal of Operational Research, 2002 - ingentaconnect.com

... is a transactional **workflow model based on colored Petri net**. ... Task **nets** are expectedto provide a ... for current **workflow** systems to **expand** their transactional ...[Cited by 15](#) - [Related Articles](#) - [Web Search](#)[Petri Nets Based Coordination Mechanisms for Multi-Workflow Environments - all 3 versions »](#)

AB Raposo, LP Magalhães, ILM Ricarte - Science & Engineering, 2000 - tecgraf.puc-rio.br

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EA Stohr, JL Zhao - Information Systems Frontiers, 2001 - Springer

... 26% annual growth rate and an **expanding** range of ... The analysis and design of a **workflow** system presents ... Wirtz, et al., respectively, use the **Petri net** formalism ...[Cited by 70](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)[Timing constraint workflow nets for workflow analysis - all 4 versions »](#)

JQ Li, YS Fan, MC Zhou - Systems, Man and Cybernetics, Part A, IEEE Transactions on, 2003 - ieeeexplore.ieee.org

... Timing Constraint **Petri Net (TCPN)** [16], which extends PN ... In marking of a TCWF-net,'s schedulable ... as much as possible, thereby **expanding** the schedulable ...[Cited by 20](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)[Modeling and Analyzing Biomedical Processes using Workflow/Petri Net Models and Tools - all 3 versions »](#)

M Peleg, S Tu, A Manindroo, RB Altman - MedInfo, 2004 - cmbi.bjmu.edu.cn

... Converting Workflows to **Petri Nets** ... we developed a second program that collapses thehierarchical **net** into a single PN by **expanding** hierarchical transitions. ...[Cited by 5](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)[... -Controlled Place Refinement in Hierarchical Petri Nets with Application to Active Document Workflow - all 6 versions »](#)

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... by van der Aalst [2], is a **Petri net** (S, T ... we give contents to documents by **expanding**place/transition ... Thus, a pre- icate/transition **workflow net** (over V and Σ ...[Cited by 6](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)[A workflow vista of the software process - all 6 versions »](#)

DKC Chan, K Leung - Database and Expert Systems Applications, 1997. Proceedings. 1997 - ieeeexplore.ieee.org

... flow diagrams and control flow diagrams, state- charts [9, 131, and **Petri nets**[12 ... It is possible to have several **EXPAND** clauses ... **WORKFLOW APPLICATION STATES** I t ...[Cited by 14](#) - [Related Articles](#) - [Web Search](#)[A comprehensive approach to flexibility in workflow management systems](#)

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... An analytical way to calculate whether an adaption can be ap- plied to a certain

workflow instance is presented. **Petri net** consistency is defined as a ...[Cited by 105](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)[A transactional workflow model for engineering/manufacturing processes - all 2 versions »](#)

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... of Task **Nets**, is expected to **expand** the transactional ... manage- ment systems,transactional workflows, **workflow** mod- els, and **Petri net** applications in ...[Cited by 6](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

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JL Peterson - 1981 - Prentice Hall PTR Upper Saddle River, NJ, USA

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Petri nets: Properties, analysis and applications - all 4 versions »

T Murata - Proceedings of the IEEE, 1989 - [ieeexplore.ieee.org](#)

... Historically speaking, the concept of the **Petri net** has its origin in Carl Adam

Petri's dissertation [1], submitted in 1962 Manuscript received May 20, 1988 ...

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... book is an introduction to Stochastic **Petri** nets and arose out of a desire by the

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... The CP-net group at Aarhus University has close contacts to the international

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... On the other hand, **Petri net** theory provides for powerful analysis techniques which

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... A theory of concurrency is found combining the approaches of **Petri** and Scott. ... This

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S Kumar, EH Spafford - 1994 - citeseer.ist.psu.edu

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... These tools are used to register the progress of cases and to detect bottlenecks. ...

This section introduces the basic Petri net terminology and notations. ...

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... depending on the acceptance of the documents by the ... stemming from graph theory to

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... Colored Petri Nets CPN ... are, for example, processor time, memory, disk or net-work

usage ... intrusion-detection, and rarely for behavior-based intrusion detection. ...

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... delays, using runtime signalling to detect and correct ... running a formatter to handle

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... who is allowed to access which documents, and which ... specific properties of these

models, to detect errors, and ... this section we introduce a Petri net type which ...

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